

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 01:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2023
 Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 04:13:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.332	2.663	98333738	87118482	45.513	43.046
28)	SA Decachlor...	8.756	7.785	69534452	77913969	45.610	40.675
Target Compounds							
2)	A alpha-BHC	3.782	3.163	141.7E6	120.4E6	44.529	41.070
3)	MA gamma-BHC...	4.110	3.491	129.4E6	110.3E6	43.723	40.097
4)	MA Heptachlor	4.690	3.825	106.4E6	96806178	38.554	35.081
5)	MB Aldrin	5.027	4.103	114.1E6	104.0E6	44.861	39.673
6)	B beta-BHC	4.313	3.790	58558754	48241813	42.542	41.565
7)	B delta-BHC	4.555	4.018	122.6E6	104.4E6	44.121	40.992
8)	B Heptachlo...	5.453	4.605	103.0E6	96862627	43.661	40.057
9)	A Endosulfan I	5.834	4.973	95860500	87942775	45.373	38.850
10)	B gamma-Chl...	5.708	4.855	111.6E6	96136157	48.906	39.275
11)	B alpha-Chl...	5.786	4.918	103.3E6	94743728	45.837	38.694
12)	B 4,4'-DDE	5.964	5.109	88878330	81219810	45.425	41.378
13)	MA Dieldrin	6.108	5.238	92103256	88255389	44.006	39.149
14)	MA Endrin	6.335	5.513	62901360	63079540	34.609	31.388
15)	B Endosulfa...	6.557	5.808	76862169	71779010	44.085	38.932
16)	A 4,4'-DDD	6.479	5.663	74073468	69045453	48.119	45.007
17)	MA 4,4'-DDT	6.790	5.912	46329673	39524471	29.188	24.636
18)	B Endrin al...	6.685	5.989	61591311	57992446	43.030m	38.278
19)	B Endosulfa...	6.921	6.212	79549499	72305763	44.305	37.619
20)	A Methoxychlor	7.270	6.492	26559710	24900924	30.834	26.830
21)	B Endrin ke...	7.401	6.717	87166237	87054862	48.052	40.433
22)	Mirex	7.866	6.890	65283305	71201952	44.742	36.995

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
Data File : PL081393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 01:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

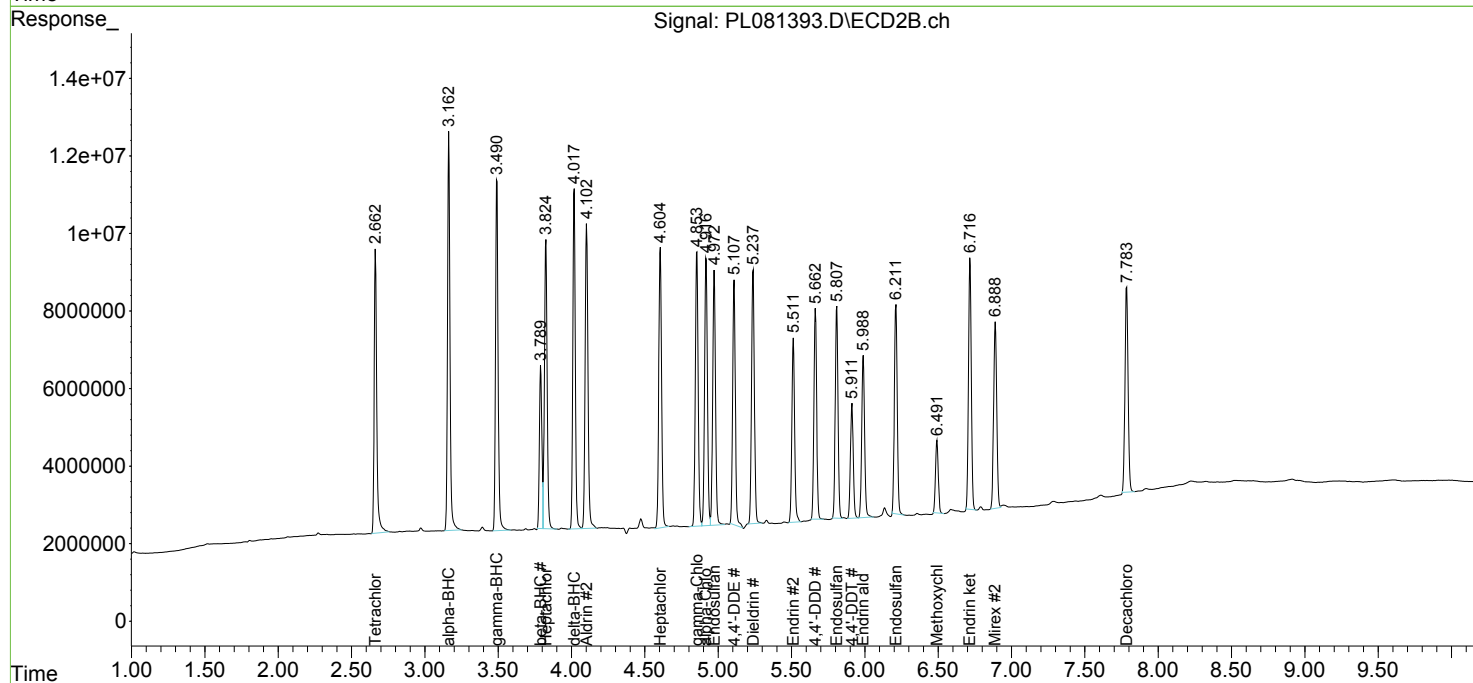
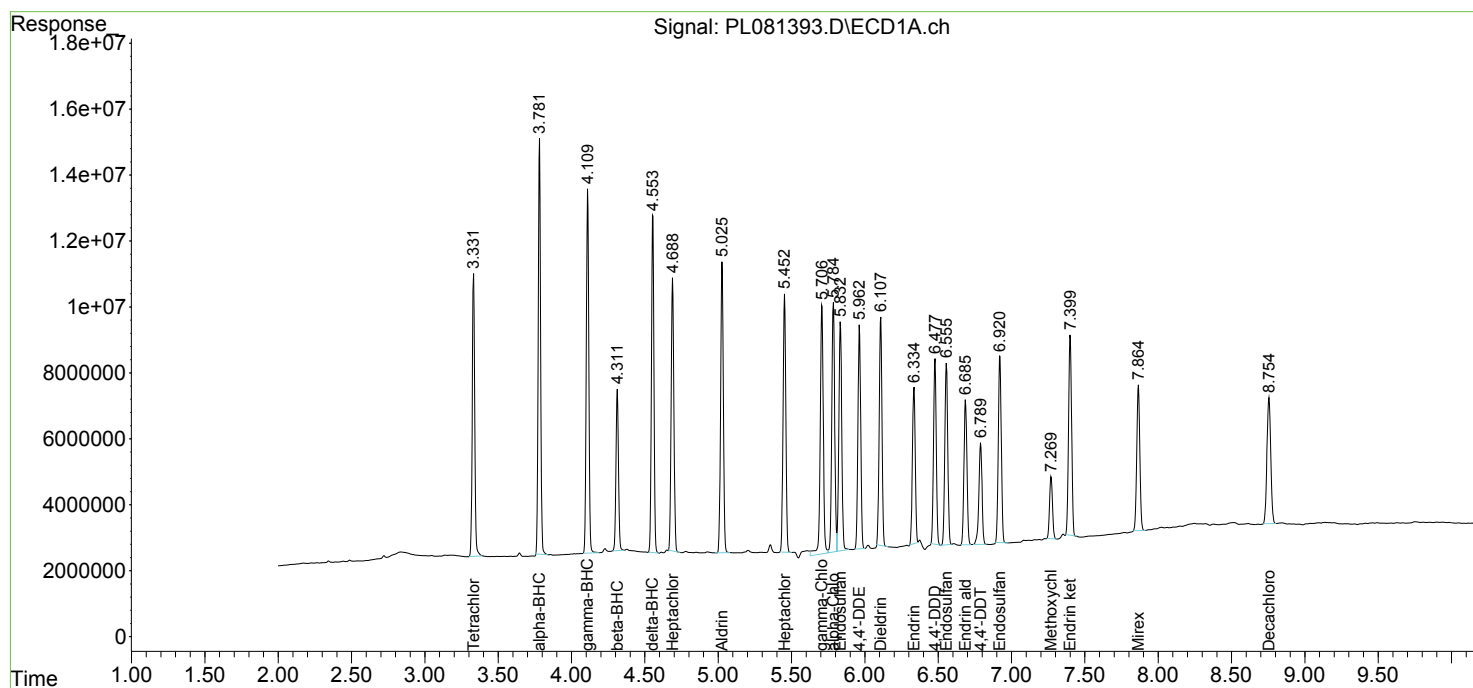
APPROVED

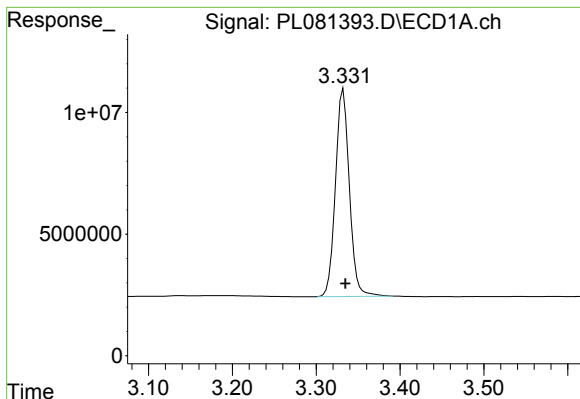
Reviewed By :Abdul Mirza 03/10/2023

Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 04:13:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
Response via : Initial Calibration
Integrator: ChemStation

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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





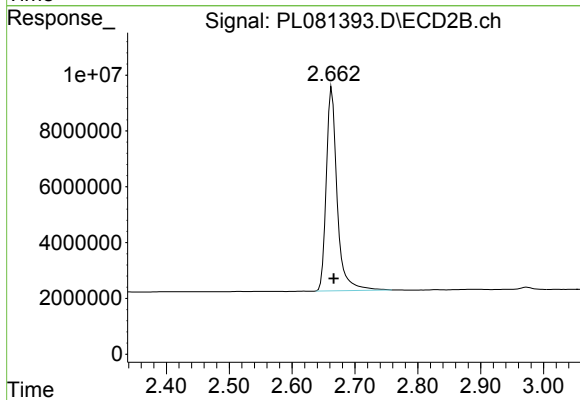
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 98333738
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

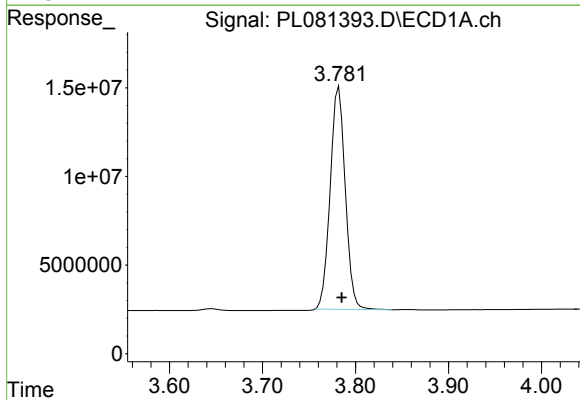
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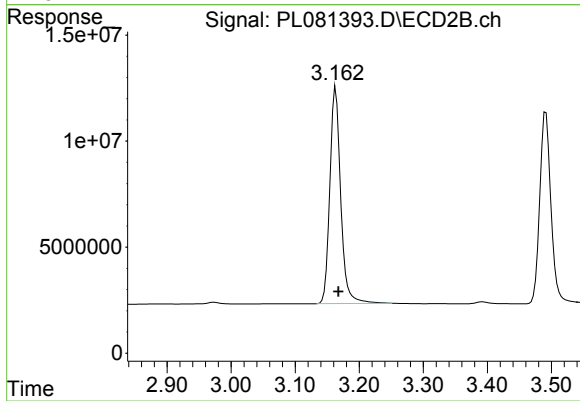
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 87118482
Conc: 43.05 ng/ml



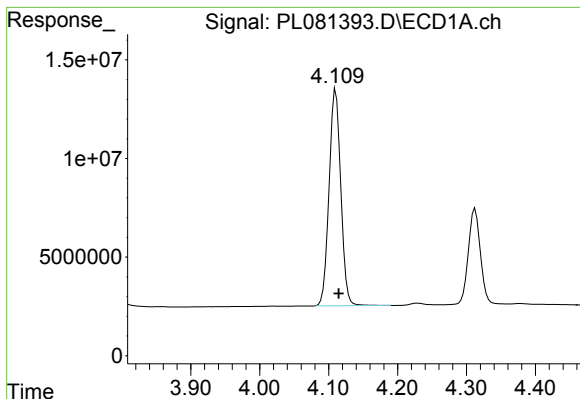
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 141658571
Conc: 44.53 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.004 min
Response: 120362167
Conc: 41.07 ng/ml



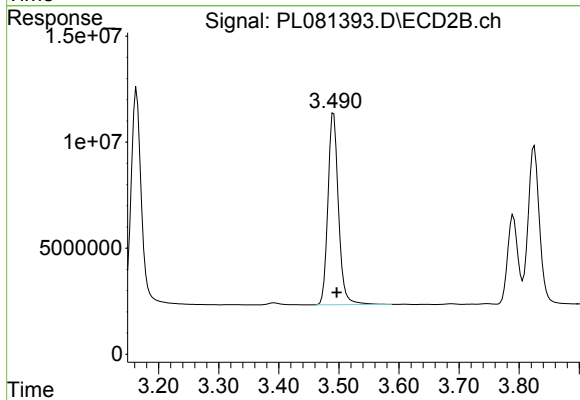
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 129357840
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

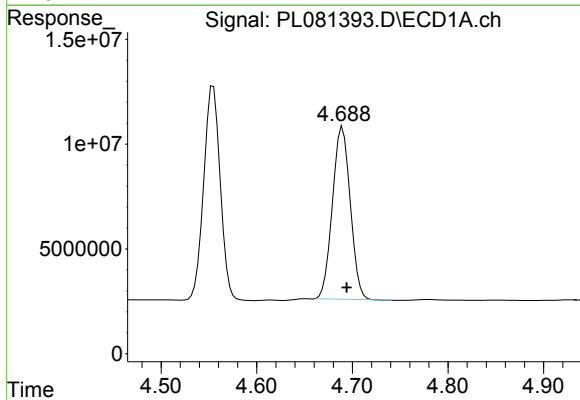
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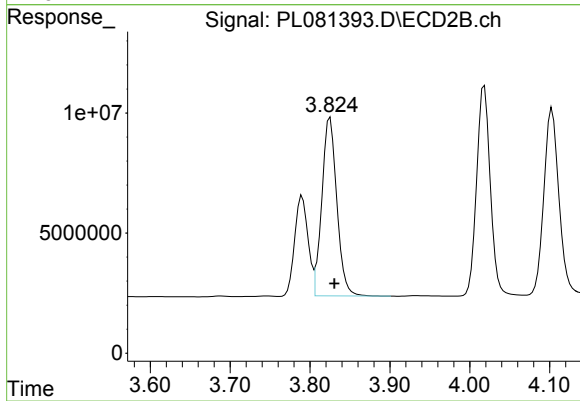
#3 gamma-BHC (Lindane)

R.T.: 3.491 min
Delta R.T.: -0.005 min
Response: 110310488
Conc: 40.10 ng/ml



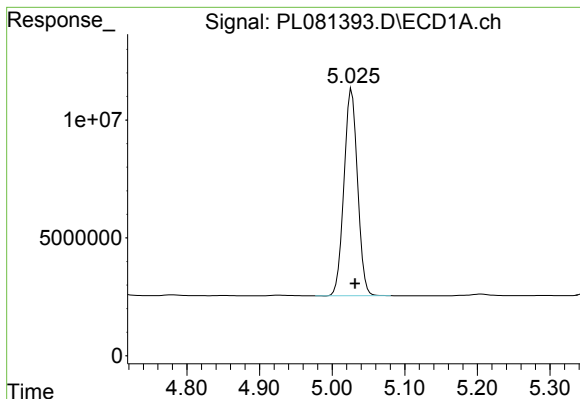
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 106385877
Conc: 38.55 ng/ml



#4 Heptachlor

R.T.: 3.825 min
Delta R.T.: -0.005 min
Response: 96806178
Conc: 35.08 ng/ml



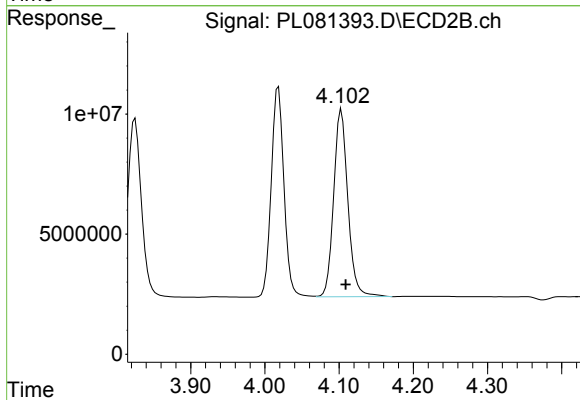
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 114133184
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

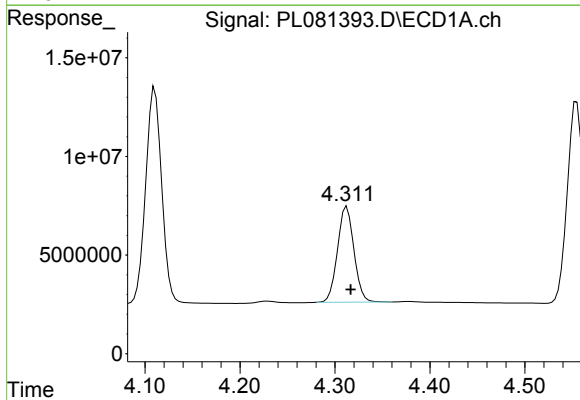
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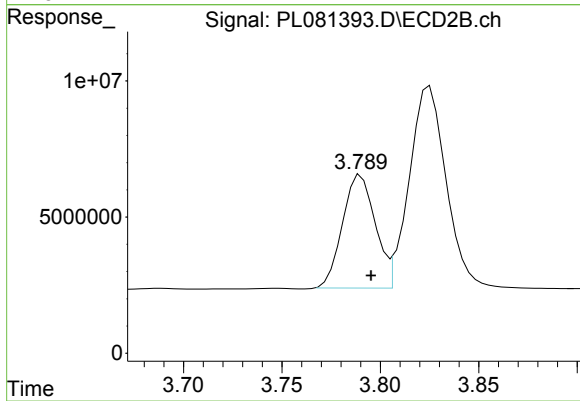
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 104011782
Conc: 39.67 ng/ml



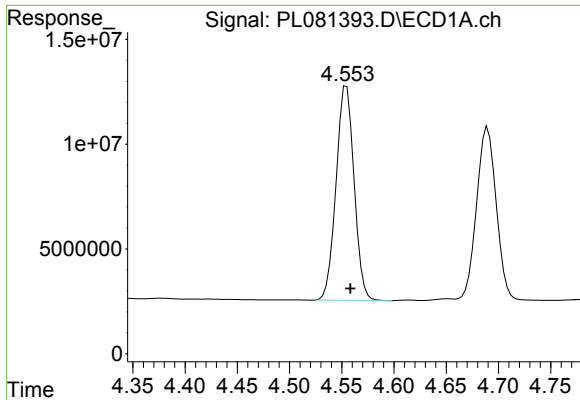
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 58558754
Conc: 42.54 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.005 min
Response: 48241813
Conc: 41.57 ng/ml



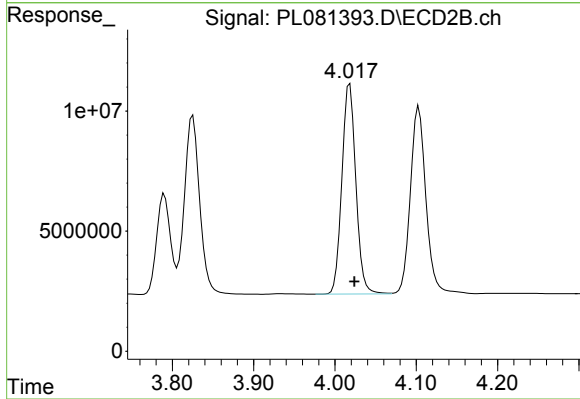
#7 delta-BHC

R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 122619719
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

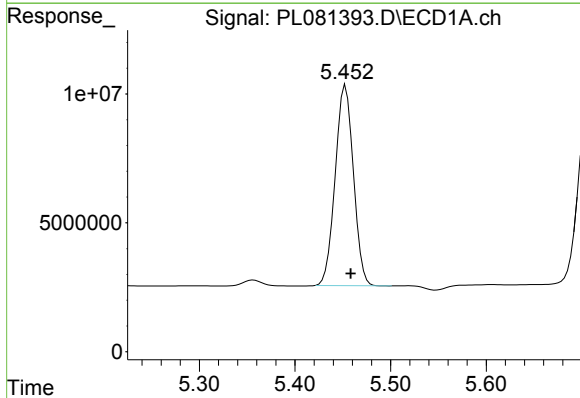
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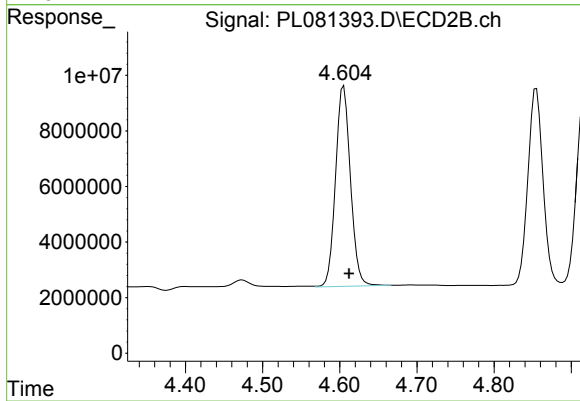
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: -0.006 min
Response: 104392147
Conc: 40.99 ng/ml



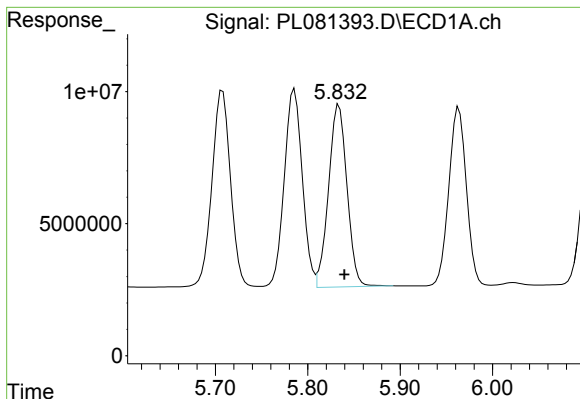
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 103041038
Conc: 43.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.007 min
Response: 96862627
Conc: 40.06 ng/ml



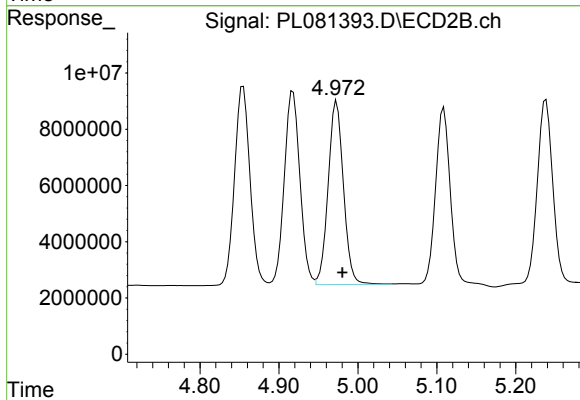
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 95860500
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

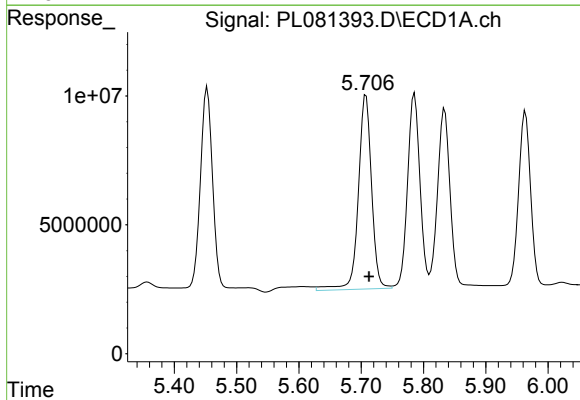
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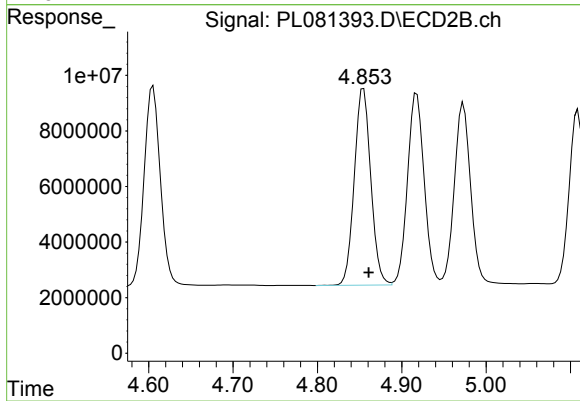
#9 Endosulfan I

R.T.: 4.973 min
Delta R.T.: -0.007 min
Response: 87942775
Conc: 38.85 ng/ml



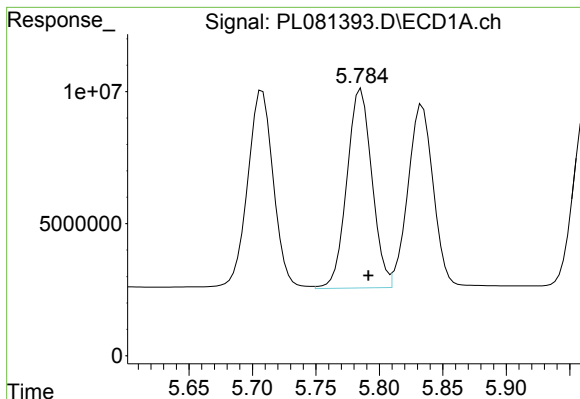
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 111598981
Conc: 48.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 96136157
Conc: 39.28 ng/ml



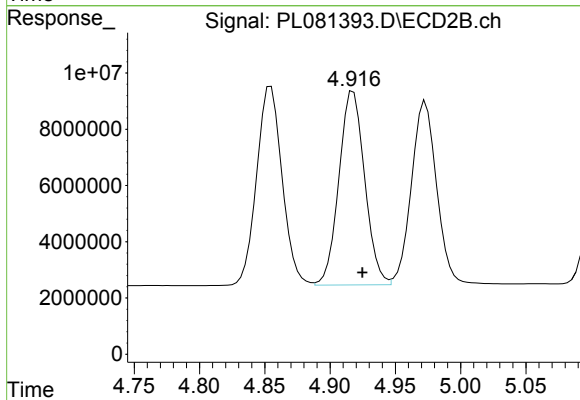
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.006 min
Response: 103266864
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

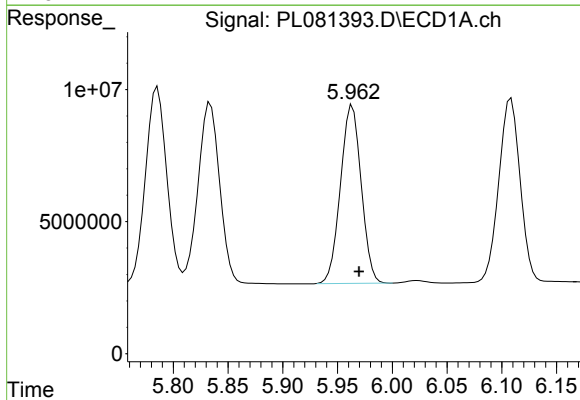
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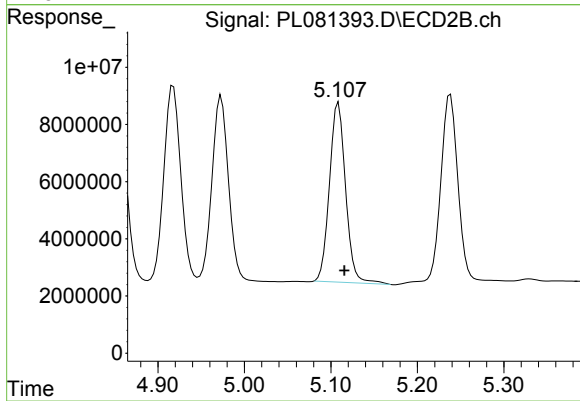
#11 alpha-Chlordane

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 94743728
Conc: 38.69 ng/ml



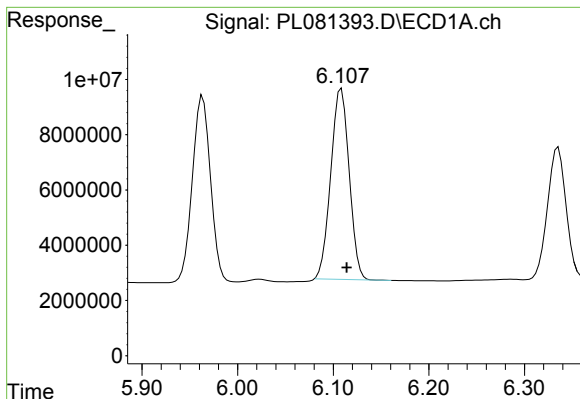
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 88878330
Conc: 45.42 ng/ml



#12 4,4'-DDE

R.T.: 5.109 min
Delta R.T.: -0.007 min
Response: 81219810
Conc: 41.38 ng/ml



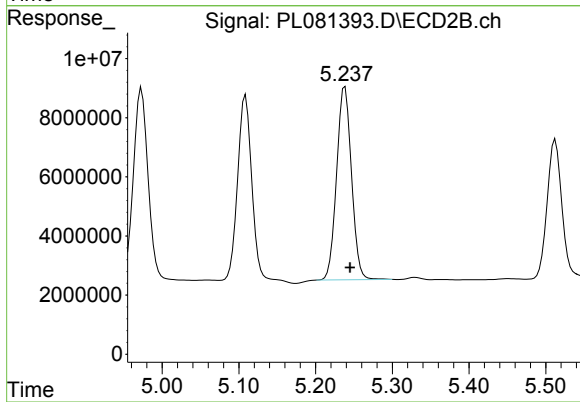
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 92103256
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

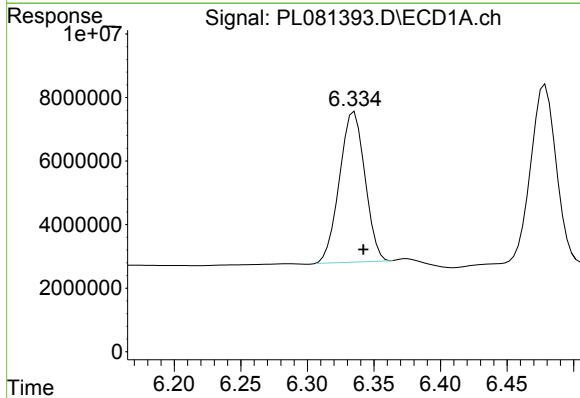
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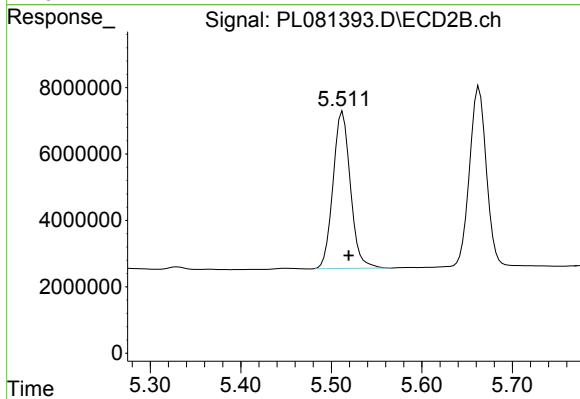
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 88255389
Conc: 39.15 ng/ml



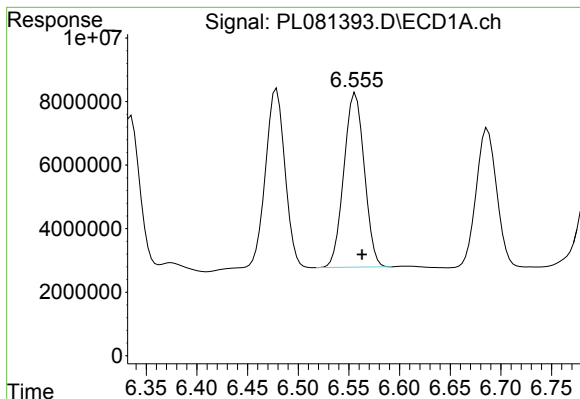
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 62901360
Conc: 34.61 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.007 min
Response: 63079540
Conc: 31.39 ng/ml



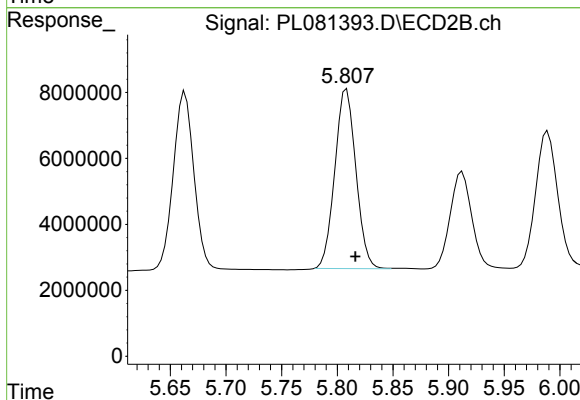
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.007 min
Response: 76862169
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

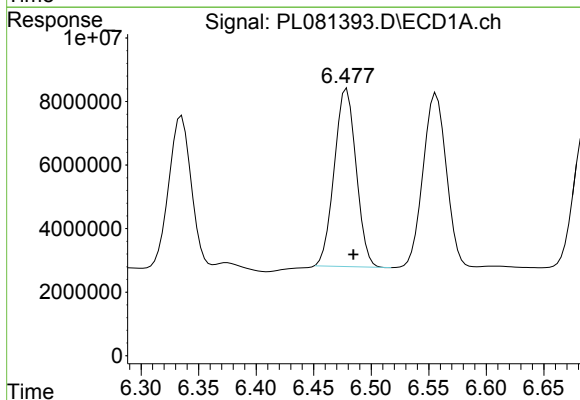
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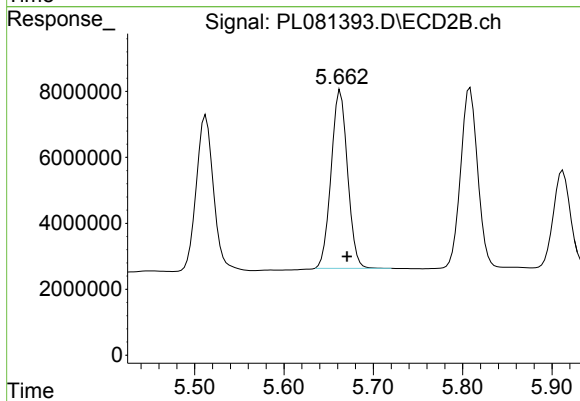
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 71779010
Conc: 38.93 ng/ml



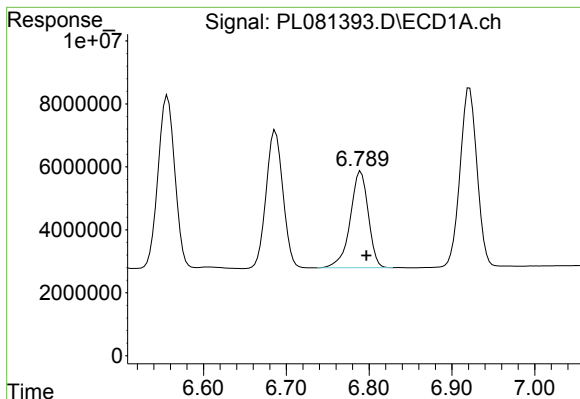
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 74073468
Conc: 48.12 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.007 min
Response: 69045453
Conc: 45.01 ng/ml



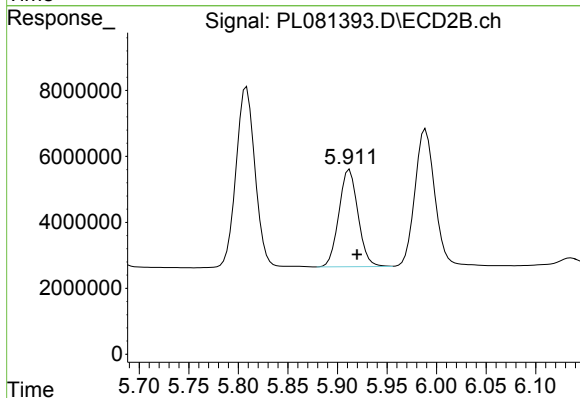
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.007 min
Response: 46329673
Conc: 29.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

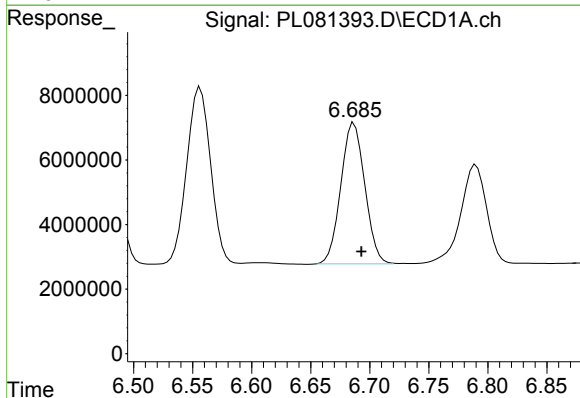
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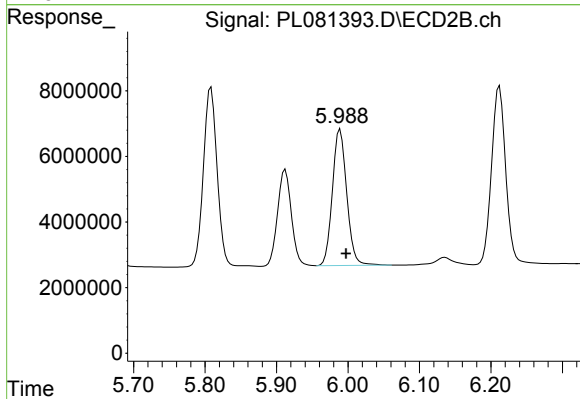
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.007 min
Response: 39524471
Conc: 24.64 ng/ml



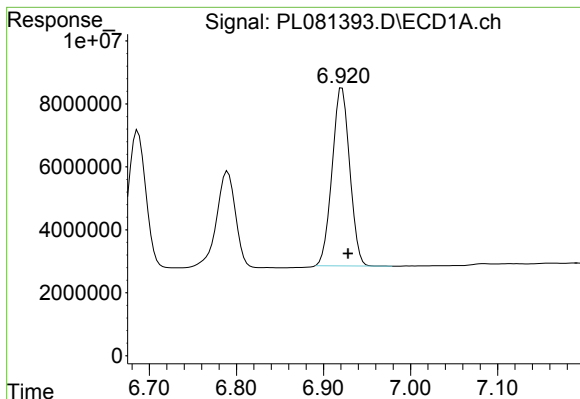
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 61591311
Conc: 43.03 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 57992446
Conc: 38.28 ng/ml



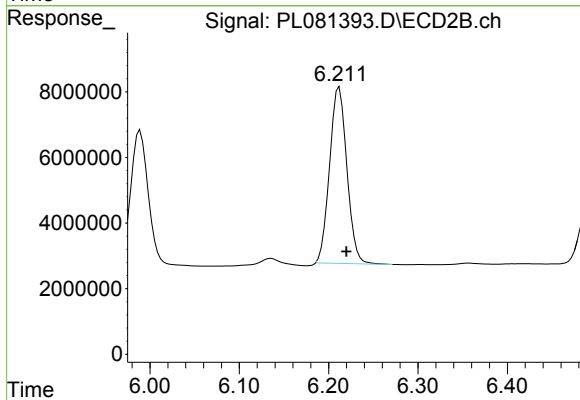
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: -0.007 min
Response: 79549499
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

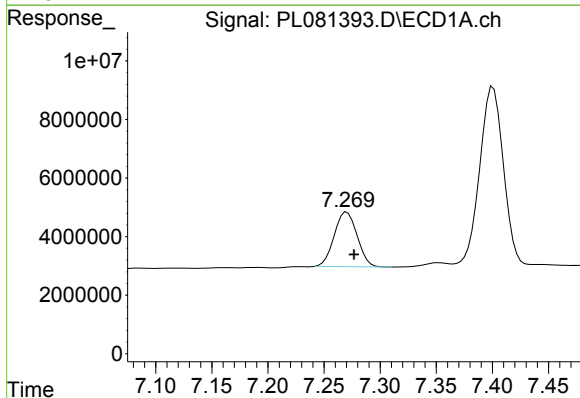
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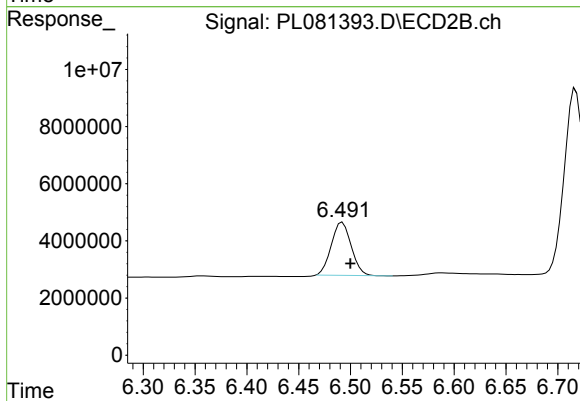
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 72305763
Conc: 37.62 ng/ml



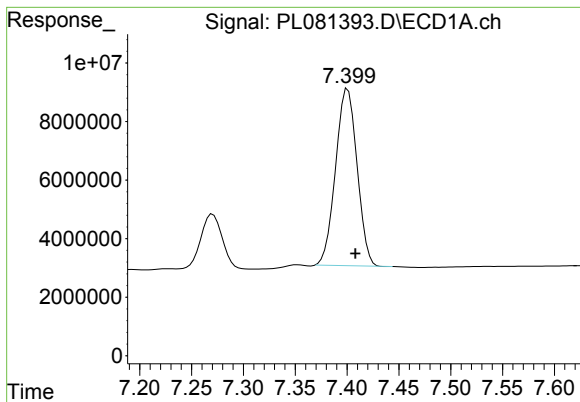
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.006 min
Response: 26559710
Conc: 30.83 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 24900924
Conc: 26.83 ng/ml



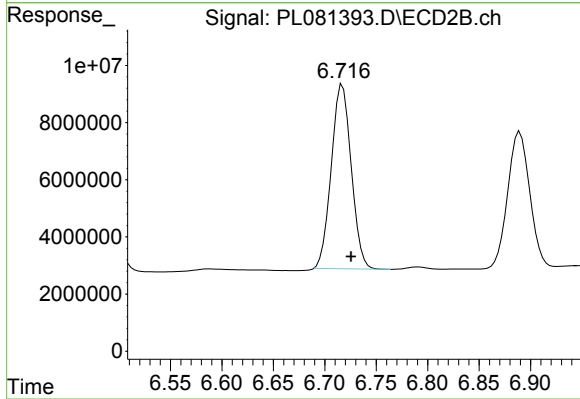
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 87166237
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

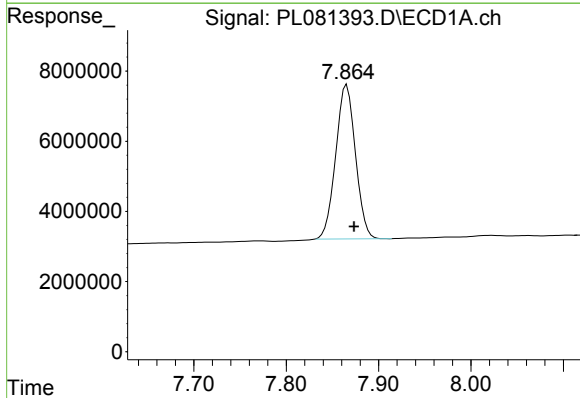
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Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



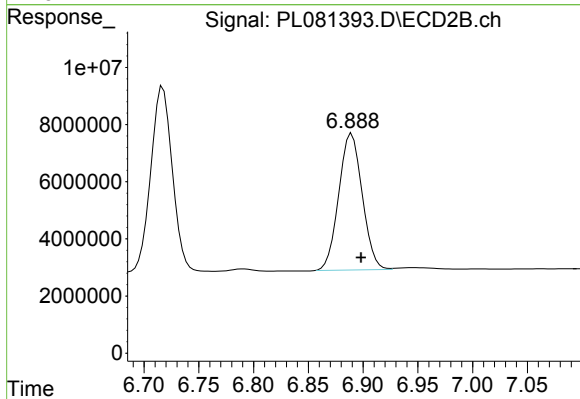
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 87054862
Conc: 40.43 ng/ml



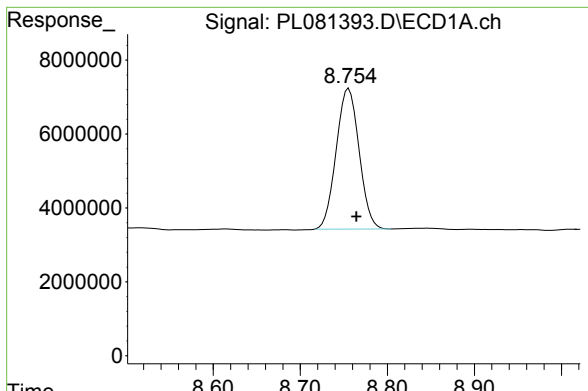
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.008 min
Response: 65283305
Conc: 44.74 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 71201952
Conc: 36.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.009 min
Response: 69534452
Conc: 45.61 ng/ml

Instrument :

ECD_L

ClientSampleId :

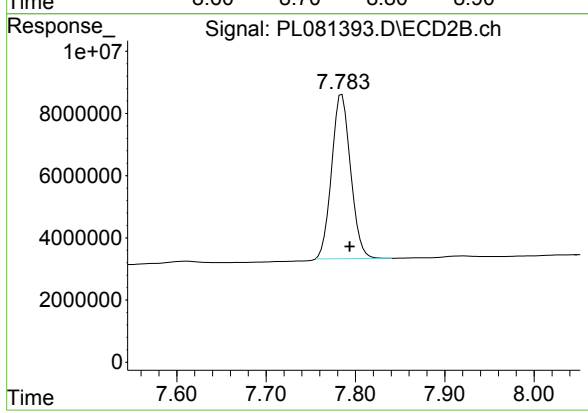
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/10/2023

Supervised By :Ankita Jodhani 03/10/2023



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 77913969
Conc: 40.67 ng/ml